

Converting Colors

CIELCh(75, 10.309, 123.785)

Have a look what the booklet for
CIELCh(75, 10.309, 123.785)
contains.

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Color

CIELCh(75, 10.055, 124.629)

Conversions

Conversions Part 1

Format	Color
Hex	B4BBA9
RGB	180, 187, 169
RGB Percent	71%, 73%, 66%
CMY	0.2930, 0.2655, 0.3361
CMYK	0.04, 0.00, 0.10, 0.27
HSL	83°, 12%, 70%
HSV	83°, 10%, 73%
XYZ	43.9106, 48.2781, 44.6814
YIQ	182.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

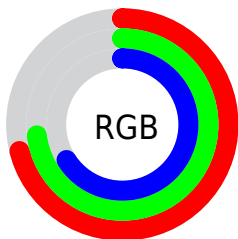
Format	Color
RYB	169, 187, 176
Decimal	11844521
CIELab	75.00, -5.71, 8.27
CIELCh	75, 10.055, 124.629
Yxy	48.2781, 0.3208, 0.3527
Android (android.graphics.Color)	4290034601 (0xFFB4BBA9)
YUV	182.8550, -6.8305, -2.5038
Hunter-Lab	69.4824, -8.7881, 10.5107

Details

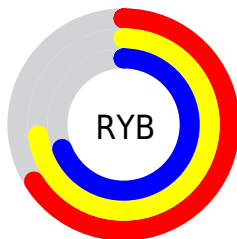
The CIELCh color $75, 10.055, 124.629$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 10.227, 305.583$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.064, 123.953$, and $55, 10.143, 125.340$ is the 20% darker color. If you saturate the color by 10%, you get $74, 20.510, 124.116$, and if you desaturate by 10%, it is $76, 0.412, 304.933$.

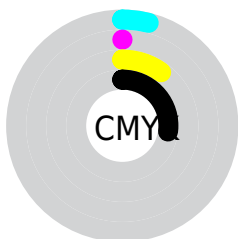
Distribution



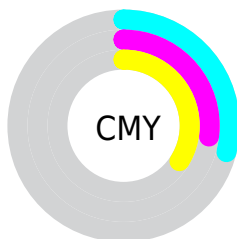
- Red (71%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (29%)
- Magenta (27%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.055, 124.629 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 10.055, 124.629 by changing the saturation by 10% instead.


 75, 10.055,
124.629


 75, 10.055,
124.629


 100, 10.055,
124.629


 65, 10.055,
124.629


 95, 10.055,
124.629

 55, 10.055,
124.629

 45, 10.055,
124.629

 35, 10.055,
124.629

 25, 10.055,
124.629

 15, 10.055,
124.629

 5, 10.055, 124.629

0, 10.055, 124.629

75, 10.055,
124.629

75, 10.055,
124.629

74, 20.510,
124.116

76, 0.412, 304.933

73, 30.869,
123.594

77, 10.841,
305.575

72, 41.022,
123.089

78, 21.193,
306.010

72, 50.805,
122.636

80, 31.439,
306.408

71, 59.977,
122.294

81, 37.523,
308.164

70, 68.196,
122.146

81, 38.177,
311.761

■ 70, 75.027,
122.303

■ 82, 38.970,
315.275

■ 69, 80.038,
122.882

■ 82, 39.897,
318.683

■ 69, 83.290,
123.869

■ 83, 40.950,
321.969

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 10.055, 124.629



70, 10.227, 305.583

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 10.055, 124.629



75, 10.055, 174.629



75, 10.055, 304.629



75, 10.055, 354.629

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 10.057, 124.634



95, 3.858, 124.977



73, 5.658, 60.874



51, 2.950, 124.932



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 10.057, 124.634



94, 15.472, 124.501



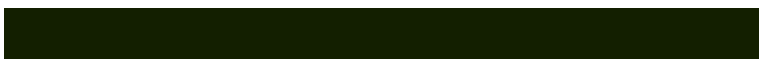
74, 11.463, 140.779



39, 5.963, 124.647



59, 73.461, 123.700



10, 18.487, 129.044

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 10.227, 305.583



87, 15.795, 305.726



71, 11.505, 321.677



37, 6.062, 305.569



22, 89.222, 309.799



2, 17.809, 301.427

Previews

White Background



This preview shows how the CIELCh color 75, 10.055, 124.629 looks on a white background.

Color Contrast Check

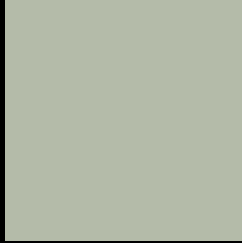
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 10.055, 124.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

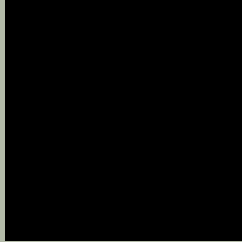
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

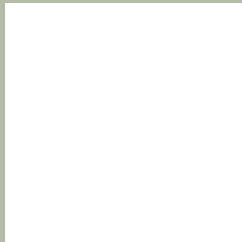
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.055, 124.629

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.055, 124.629.



This preview shows how white text looks on a background with the CIELCh color 75, 10.055, 124.629.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
75, 10.055, 124.629

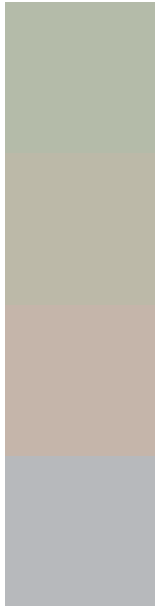
Protanopia
75, 9.639, 90.551

Deuteranopia
75, 11.914, 38.574



Tritanopia
75, 8.152, 296.011

Trichromacy



Original Color
75, 10.055, 124.629

Protanomaly
75, 9.201, 102.089

Deuteranomaly
75, 8.563, 63.328

Tritanomaly
75, 1.774, 265.907

Monochromacy



Original Color
75, 10.055, 124.629

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 3.941, 126.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.055, 124.629 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 187, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 187, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 187, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 187, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.055, 124.629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

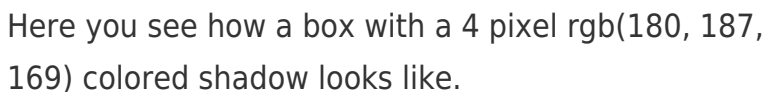
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 187, 169) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 187, 169) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(180, 187, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 187, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 187, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 187,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.055, 124.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 187, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180,  
187, 169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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